



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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August 3, 1994

TO: Minerals File

FROM: Tony Gallegos, Reclamation Engineer *aa*

RE: Site Inspection, Emery Industrial Resources, Cherry Hill Park Mine,
S/049/021, Utah County, Utah

Date of Inspection: July 27, 1994
Time of Inspection: 1010 - 1140
Conditions: cloudy
Participants: Dan Powell, Emery Industrial Resources; Tony Gallegos, Lynn
Kunzler, DOGM

Purpose of Inspection: To examine the current status of the operation and familiarize new Division staff with the site.

Upon our arrival workers were assembling a crushing/screening system. The system had been moved to the southwest to be closer to the active quarry area. We talked to one of the workers from Nielson Construction. He indicated Dan had not been to the site yet this morning. We then walked around the perimeter of the operation disturbance starting in the southwest corner and going counterclockwise. The mine disturbance had expanded since my last inspection. The quarry area has moved towards the west-southwest. The quarry is currently 7 - 12 feet deep in the active area. The southwest corner of the site appears to have been grubbed and then blasted in preparation of quarrying.

At approximately 1050 Mr. Dan Powell arrived at the site. He presented us with a copy of the 1993 site map. The green border on the map is the area currently covered by a bond with Utah County. The area within the border is approximately 9 acres. The bond with Utah County is \$14,400 (9 x \$1600/acre). Dan estimates the current amount of disturbance at seven acres. He is currently selling product to the power plant near Bonanza, Utah for use in their scrubbers. Dan indicated their operations would not expand to the west beyond the present western border of disturbance.

We discussed the permitting requirements for this operation since the disturbance exceeds five acres. Dan explained his understanding of the Utah County



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ordinances as once an area is regraded and reseeded the County considers that area fully reclaimed and therefore released from bonding. We explained that the Division requires up to three growing seasons from the time of reseeding before fully releasing an area from reclamation responsibility. Dan asked about the Division's rule of avoiding double bonding. We informed him that we would look into the matter and discuss the situation with our supervisors. The Division may require some additional bonding for this operation due to the difference between Utah County's ordinance and Division Rules regarding "reclamation success." The Division will also need to contact Utah County regarding the bonding situation.

The inspection concluded with the understanding that the Division would send a copy of the inspection memo to Dan. The Division was to provide a tentative seed mix for use in reclaiming this site as an attachment to the memo. The Division was to decide how to handle the permitting requirements for this small mine which has exceeded five acres of disturbance. The Division was to inform Dan of these permitting requirements and provide the appropriate permitting forms. Dan was to provide the Division with a copy of the agreement with Utah County. Photographs were taken to document the current status of the operations.

jb
Attachment: Seed Mix Recommendation
cc: Dan Powell, Emery Industrial Resources
Wayne Hedberg, Lowell Braxton, DOGM (route)
S49-21.mem

Recommended Revegetation Species List
for

Emery Industrial Resources
Cherry Hill Park Mine
M/049/021

Prepared by DOGM August 5, 1994

<u>Common Name</u>	<u>Species Name</u>	<u>*Rate lbs/ac (PLS)</u>
Slender Wheatgrass	<i>Agropyron trachycaulum</i>	1.5
Mountain Brome	<i>Bromus marginatus</i>	1.5
Piute Orchard Grass	<i>Dactylis glomerata</i>	1.0
Great Basin Wildrye	<i>Elymus cinereus</i>	1.5
Indian Ricegrass	<i>Oryzopsis hymenoides</i>	1.5
Ladak Alfalfa	<i>Medicago sativa</i>	1.5
Yellow Sweetclover	<i>Melilotus officinalis</i>	0.5
Small Burnet	<i>Sanguisorba minor</i>	1.5
Mountain Penstemon	<i>Penstemon strictus</i>	0.5
Mountain Big Sagebrush	<i>Artemisia tridentata vaseyana</i>	0.1
Rubber Rabbitbrush	<i>Chrysothamnus nauseosus</i>	0.25
Serviceberry	<i>Amelanchier alnifolia</i>	1.0
Blue Elderberry	<i>Sambucus caerulea</i>	1.0
Bitterbrush	<i>Purshia tridentata</i>	1.0
Total		14.35 lbs/ac

***This the recommended broadcast ratio. If the species are to be drill seeded, reduce the broadcast rate by 1/3.**